

**NATURAL RESOURCES CONSERVATION SERVICE
DOCUMENTATION AND CERTIFICATION**

**ROOF RUNOFF STRUCTURE
Code 558**

The items below shall be recorded in the conservation plan, conservation notes or an approved form as minimum documentation requirements for a practice.

1. Location and Site Investigation

Environmental Checklist Form (CB-EVC-2)

Form CB-ENG-PLNG-1, Engineering Planning Consideration Checklist and Guide

Location Map (Topographic Quadrangles)

Aerial Photos

Surveying Plat (Property Limits)

Flooding Maps (FEMA)

SHPO - Cultural Resources Inventory

Maps from Utilities Co. Providers

References:

- TR-1, Form CB-ENG-PLNG-1, Engineering Planning Consideration Checklist and Guide
- Conservation Plan Map
- NRCS, GM 420, Part 401, Cultural Resources
- USGS Topographic Quadrangles

2. Soils/Geology Investigation

Geologic Maps

References:

- NRCS Area Soil Survey
- Conservation Plan Soil Map

3. Engineering Survey

Form SCS-ENG-28

Form SCS-ENG-29

References:

- 210-VI-TR-62, Engineering Layout, Notes, Staking and Calculations

4. Engineering Criteria

References:

- CB FOTG Sec. IV, Code 558, Roof Runoff Structure
- 210-VI-NEH-651.10, AWMFH Chapter 10, Component Design

- 210-VI-NEH-651.10, Appendix B, Rainfall Precipitation Map
- TR-1, Section – Road Runoff Management

5. Drafting and Drawings

Drafting Computer Programs Output
Sketches and Drawings

References:

- 210-VI-NEH-650.05, EFH Chapter 5, Preparation of Engineering Plans
- 210-VI-TR-73, Computer Aided Design and Drafting (CADD) Standards

6. Engineering Cost Estimates

References:

- CB FOTG Section I, Cost Data
- Local Suppliers Material Cost Lists

7. O&M and Safety

Operation and Maintenance Plan

References:

- OSHA Reference Manuals
- Manufacturer's Recommendations

8. Construction Materials and Specifications

References:

- 210-VI-NEH-650.17, EFH Chapter 17, Construction and Construction Materials
- 210-VI-NEH - Part 642, Specifications for Construction Contracts
- ASTM Standard Specifications

9. Installation and Certification

Certification that application meets NRCS standards and specifications

Reference:

- 210-VI-NEH, Section 19, Construction Inspection